

Topical Collection

Imaging Biomarker in Oncology

Message from the Collection Editor

Cancers affect a large percentage of chronic and fragile patients, and their workup and therapeutic options depend on timing of diagnosis, staging, and tumor aggressiveness. In such a scenario, imaging has been acquiring a pivotal role in oncology by providing some relevant non-invasive biomarkers extracted from medical images. Conventional radiological evaluation, based on qualitative and subjective assessment of images, is the recognized imaging approach to study cancer patients. However, the main drawbacks of subjective images assessment are represented by their subjective nature and the difficulty to reproduce the measures. Today, imaging is shifting from a qualitative to a quantitative approach, especially in tumor diagnosis, prognosis prediction, and assessment of response to therapy. In the new era of target therapy, imaging is expected to become a supporting tool for clinicians by providing non-invasive biomarkers. In this manner, imaging could have the ability to outline the profile of tumors based on several features extracted from medical images, assessed with both qualitative and quantitative approaches.

Collection Editor

Dr. Damiano Caruso

Radiology Unit, Department of Medical Surgical Sciences and Translational Medicine, Sant'Andrea University Hospital, Sapienza-University of Rome, 00100 Rome, Italy



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Cancers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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